

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 888

UDC 551 506 1(41-4)

DECEMBER 1975

VOLUME 92

NUMBER 12

Mild in north, cooler in south: mainly dry.

A depression with associated fronts crossed all areas on the 1st and 2nd, but pressure was predominantly high during the month. The Azores anticyclone drifted well to the north of its normal position and often extended a ridge over the British Isles. Fronts from the north-west sometimes crossed all districts and were followed by brief incursions of Arctic air. By the 27th the high pressure had moved south-east and was centred over the Continent. On the last two days of the month a cold front approached north-west Scotland and moved south-east, with developing waves, to affect most areas.

Weather

The month began with heavy rain and gales, which soon dispersed fog in central and eastern England, and there were showers of hail, snow and sleet (snow mixed with rain) in the north. It then became generally dry, with fog in places, and remained so until the 12th, when rain again reached most parts. Colder weather followed, with wintry showers and gales in northern districts and fog, freezing at times, farther south. Milder conditions were fairly general from the 19th, although showers of snow, sleet and hail continued to occur in the north from time to time. Gales blew around northern coasts from the 21st and reports of fog became infrequent. Rain spread to many districts on the 23rd and 24th and also during the last few days of the month, when wintry showers and thunder occurred in the north.

Wind

Winds blew mostly from directions between south-west and north-west, although there were periods of north to north-east winds, especially in the south. Fresh or strong winds occurred on exposed northern and western Scottish coasts throughout the month and on west coasts of England and Wales at times. Gales swept across many districts on the 1st, when most stations in England and Wales had their highest gust for the month. Gusts exceeding 50 kt were recorded widely in southern districts and high winds affected shipping: six cross-channel ferries rode out the storm on the night of the 1st/2nd before entering port. Gales, severe at times, continued to blow round northern coasts during the next few days, and were also reported around mid month and from the 21st onwards. Maximum gusts for the month in Scotland were mainly recorded on the 30th, the wind gusting to 90 kt at the high-level station at Cairngorm (Highland Region).

Temperature

Central and northern districts were milder than southern counties, mean temperatures ranging from 1 degC below average at a few places along the coasts of southern England to as much as 2.5 degC above average in parts of eastern Scotland. The weather was often mild until the 12th. Many places recorded their highest temperature for the month during the first week, - on the 1st in southern districts of England and Wales and on the 5th in Scotland, when the temperature reached 14.4°C at Banchory

(Grampian Region). It became much colder between the 12th and 18th: almost all stations in Scotland and a number in northern England recorded their monthly minima on the night of the 12th/13th, when the temperature fell to -8.5°C at both Dalwhinnie and Dall in the Grampian mountains and to -9.1°C at Moor House (Cumbria). Freezing fog in parts of southern England on the 15th and 16th kept temperatures near 0°C all day. Milder conditions returned on the 19th and some places experienced very mild weather during the last week. Ground frost was reported on a number of occasions during the month.

Rainfall (including melted snow)

Except in some places in northern Scotland and in an area in Lincolnshire and around the Humber, monthly rainfall totals were below average. Most of southern England, South Wales and the extreme north of England had less than half the normal rainfall and many places in Devon and Cornwall, Northern Ireland and eastern Scotland were drier still, with only about 25 per cent of average. It was particularly dry around the Firths of Tay and Forth; Perth, with a monthly total of 7 mm, and the Edinburgh area, with much the same, had their driest December since 1908. The month began with rain in all districts, a number of places in Wales recording amounts well in excess of 50 mm on the 'rainfall day' of the 1st (the 24-hour period from 09 GMT): Moel Cynnedd in the mountains of mid Wales, with a fall of 99.5 mm in 18 hours, was one of several places with falls classified as 'remarkable'. After the 2nd, the month was generally dry, although there was rain on every day in parts of north and west Scotland and many districts had rain on the 12th, the 23rd and 24th, and at the end of the month.

Snow

Showers of snow or sleet occurred in northern districts and in the Welsh mountains

from time to time. Falls were mostly slight, although undrifted depths of 7-15 cm were measured on high ground in Scotland. Snow lay on the slopes of mountains, but did not lie for long elsewhere. In England, south of the Pennines, there were few reports of snow or sleet, although a little fell in East Anglia and Devon in the second week.

Sunshine

Monthly sunshine totals were between 100 and 150 per cent of average in south-east England, in much of central and northern England, and in Scotland to the south and east of the Grampian mountains: in north-eastern England and in the Forth/Clyde area totals exceeded 150 per cent of the normal. All other districts had less sunshine than usual, with monthly totals generally ranging from 50 to 100 per cent of average. Dull days in the north-west Highlands and the Northern Isles contrasted sharply with the sunshine in the central lowlands of Scotland.

Fog

Freezing fog in central and south-eastern England on the 1st soon cleared, but fog was reported fairly often between the 4th and 21st. Overnight fog, occasionally dense and slow to clear, occurred in inland districts, chiefly in the Midlands and in East Anglia and south-eastern England, where persistent and freezing fog on the 15th and 16th disrupted road, rail and air traffic: 30 people were taken to hospital for treatment after a series of 70 road accidents near Bexley (Greater London) on the night of the 15th/16th. Patches of fog, sometimes accompanied by precipitation, also occurred on hills and along western and northern coasts of the United Kingdom, but fog was seldom reported anywhere after the 21st.

Miscellaneous Phenomena

The aurora was observed in Scotland on 10 nights.

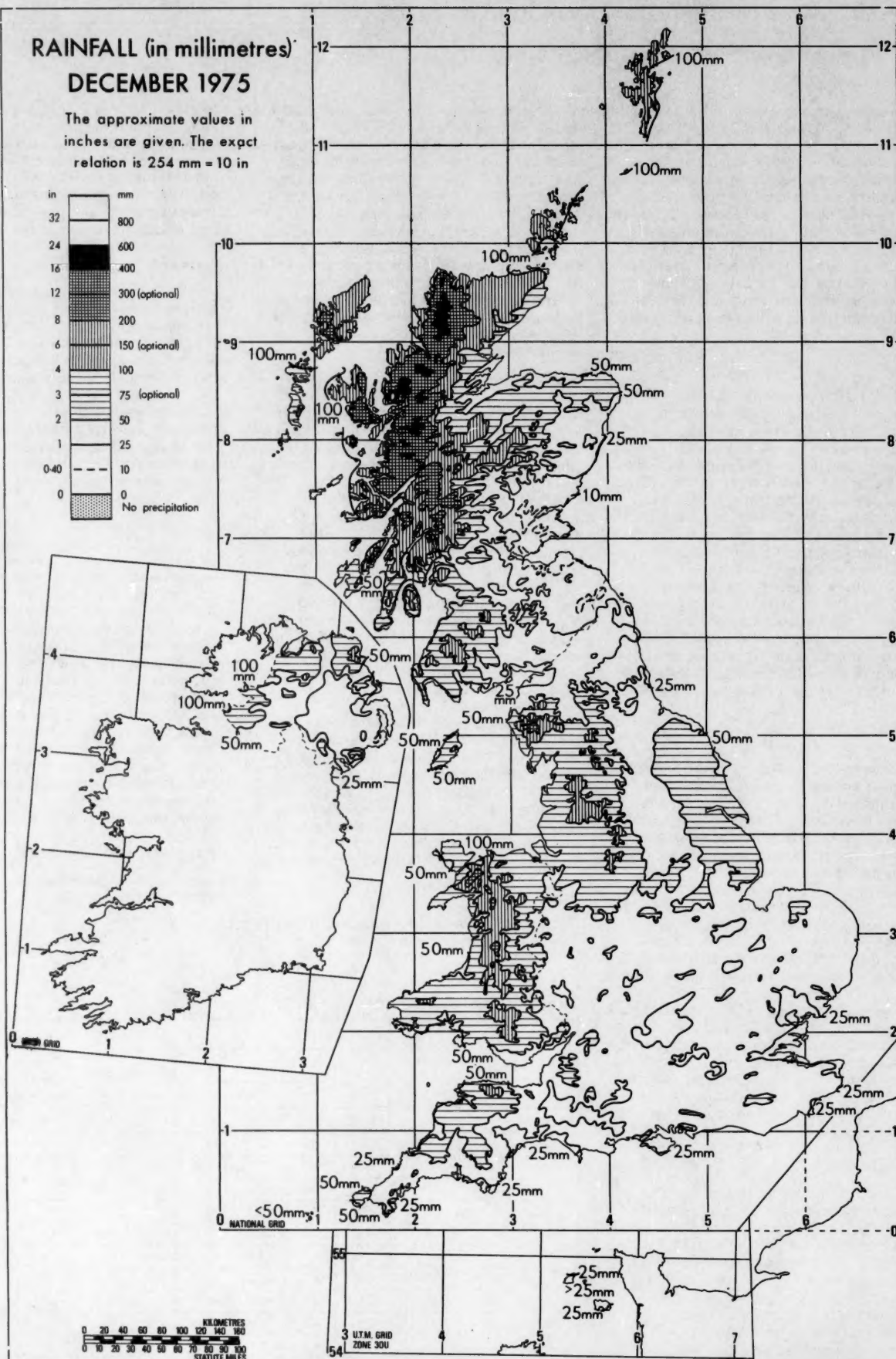
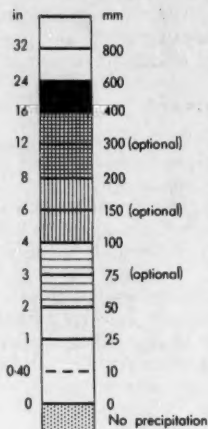
Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine			
	Highest	Lowest	max.	min.	mean							
	Max.*	Min.*	difference from average							% of average		
0 Scotland N	11.0	-4.3	+1.2	+1.3	+1.3	+0.9	+2	78	70			
1 Scotland E	13.5	-4.4	+2.0	+1.5	+1.8	+1.2	-8	33	119			
2 England E & NE	13.7	-5.7	+1.2	+0.8	+1.0	+0.4	-7	77	139			
3 East Anglia	12.1	-5.4	+0.2	-0.1	+0.1	0.0	-5	58	85			
4 Midland Counties	13.5	-4.8	+0.8	+0.8	+0.8	+0.4	-9	61	116			
5 England SE & Central S	12.3	-7.2	-0.4	-0.2	-0.3	-0.5	-7	43	107			
6 Scotland W	11.8	-6.1	+1.6	+1.4	+1.5	+0.7	-3	45	104			
7 England NW & Wales N	12.0	-4.5	+0.9	+1.5	+1.2	+1.0	-3	75	83			
8 England SW & Wales S	12.7	-4.6	+0.1	+0.6	+0.3	-0.5	-7	44	71			
N Ireland	12.5	-4.5	+1.0	+1.0	+1.0	+0.9	-5	25	66			
Scotland	13.5	-6.1	+1.6	+1.4	+1.5	+0.9	-3	52	98			
England & Wales	13.7	-7.2	+0.5	+0.6	+0.5	+0.1	-6	60	100			

*Highest maximum and lowest minimum of District Value Stations.

RAINFALL (in millimetres) DECEMBER 1975

The approximate values in inches are given. The exact relation is 254 mm = 10 in



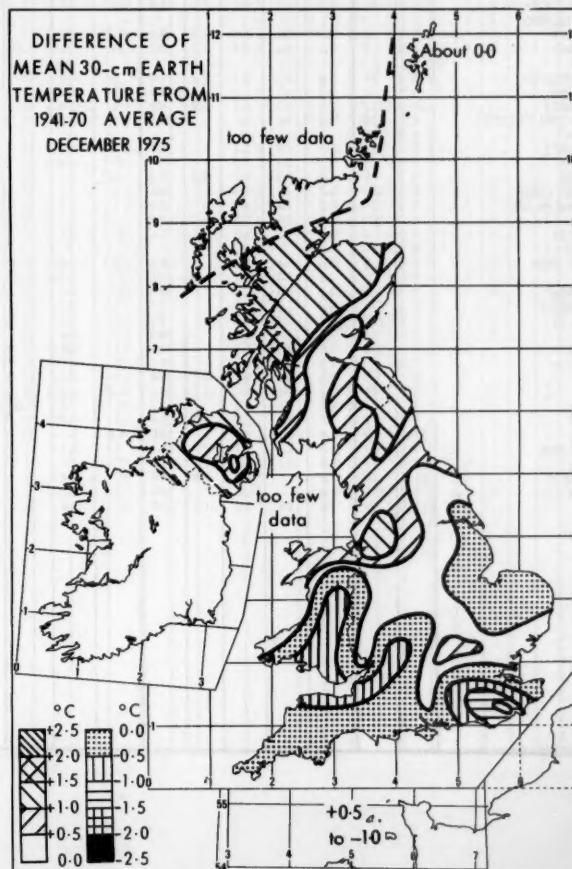
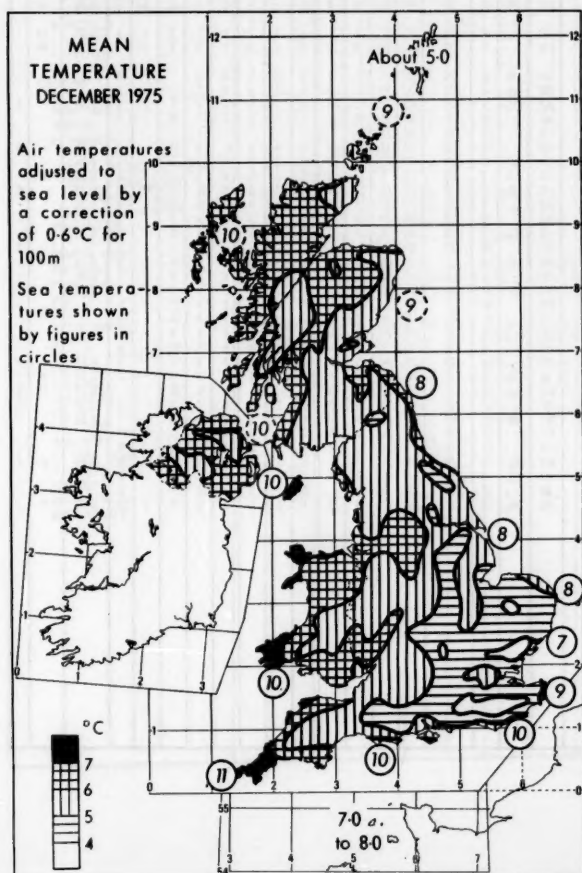
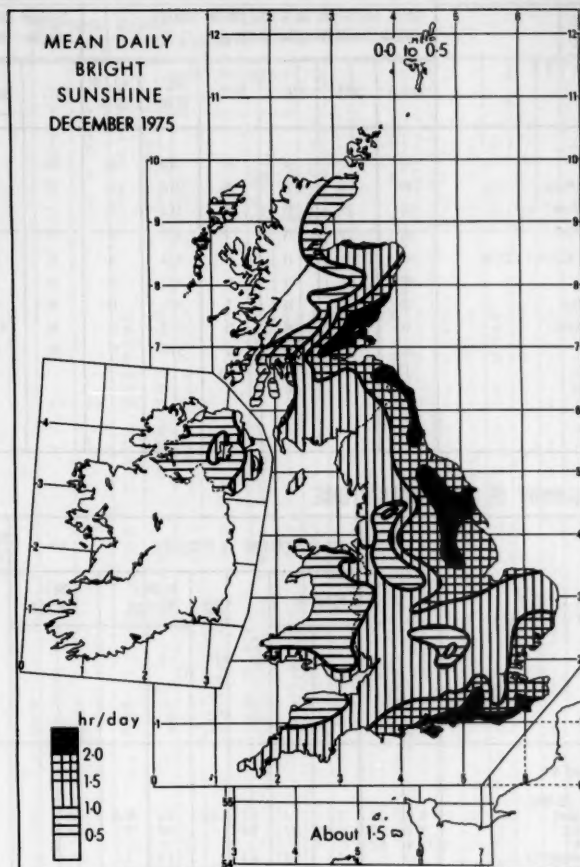
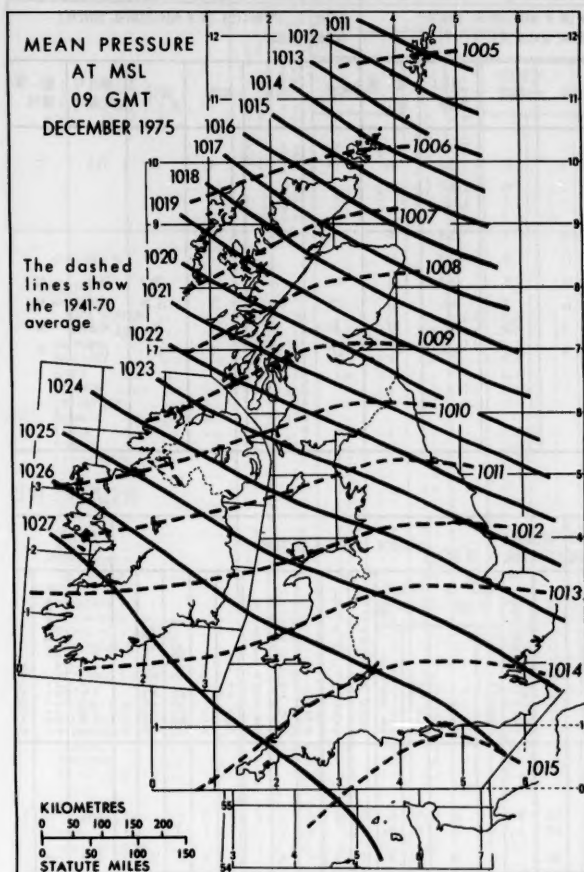


TABLE 2 SOLAR RADIATION AND ILLUMINATION

DECEMBER 1975

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	27	2	4	21	14.8	31	24	4	3	21	13.3	31	34	2	6	21	19.4	31
ESKDALEMUR	99	8	3	30	35.5	31	41	10	3	30	23.2	31						
CARDINGTON	101	24	15	12	51.2	30												
ABERPORTH	103	13	14	1	41.1	30	70	4	14	1	35.9	30						
LONDON WEATHER CENTRE	103	13	13	20	47.1	31	52	18	11	20	32.2	31						
KEN	107	24	11	25	47.2	31	56	8	11	25	33.7	31	122	24	17	20	56.9	31
BRACKNELL	111	3	16	5	49.4	31	66	17	16	5	37.4	31	126	3	23	15.28	59.0	31
ALDERGROVE	91	2	10	23	37.0	31	42	8.13	9	23	27.5	31	99	2	11	23	42.6	31
JERSEY	155	15	5	12	59.0	31	69	13	4	12	40.6	31	171	18	8	12	71.2	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1975

DISTRICT REGION/COUNTY AND PLACE	MAX. TEMPERATURE (°C)	MIN. TEMPERATURE (°C)	AIR TEMPERATURE IN DEGREES C										MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																								
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM DAILY MEAN (A-B)	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE	PRECIPITATION		SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	SEASON MIN. DEGREE C	CONCRETE MIN. DEGREE C	DATE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																					
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE							0.2 MM OR MORE	1.0 MM OR MORE																																	
0 SCOTLAND N																																																			
SHEPHERD ISLANDS	9 9	24	7.3	1.9	4.6	+0.5	9.6	20.21	-5.9	13	5.4	-	126	93	17	29	25	11	0	2	3	2	0	9	-	-	14	0.14	45	5																					
BALASOUND	9 9	57	7.4	4.2	5.8	-	9.9	27	-3.4	12	-	-	100	-	12	27	30	24	8	1	8	6	1	8	4	9	-	13	-	-	-																				
FAIR ISLE	21 9	82											157	-	14	29	30	28	11	5	4	9	1	0	6	13	12	15	0.30	60	-																				
LERWICK			6.3	3.1	4.7	-	9.5	21	-4.1	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
PSYCHROMETER			6.4	3.0	4.7	+0.7	9.5	21	-4.3	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
SCREEN													-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
ORKNEY ISLANDS													124	100	15	27	30	23	10	0	10	3	1	0	2	9	8	5	0.36	47	-																				
KIRKALL AIRPORT	21-9	26	7.3	4.1	5.7	+1.4	10.8	27	-2.5	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
WESTERN ISLANDS													87	-	13	22	28	22	6	1	5	3	2	1	1	3	3	2	1	0.53	59	-																			
BENNECOLA	21-9	6	8.2	5.6	6.9	+1.2	10.2	21.22	-1.6	12	-	-	116	-	27	27	29	20	9	0	9	0	0	3	3	3	7	2	1	0.56	68	-																			
STORNOWAY	21-9	3	7.5	4.4	5.9	+1.0	10.2	29	-2.2	12.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
HIGHLAND																																																			
ACHNASHELLACH	9 9	67	7.8	3.5	5.7	+2.0	10.2	5	-4.2	13	-	-	327	129	64	29	31	27	7	2	0	0	0	0	4	-	-	0	-	-	-	-																			
BALMACARRA	9 9	4	8.8	4.1	6.5	-	10.6	26	-2.2	13	-	-	200	106	45	29	31	27	2	0	0	0	0	0	2	-	-	1	1	-	-	-																			
CAPE WRATH	21-9	112	7.6	4.7	6.1	+0.8	9.6	8	-1.5	12	-	-	163	133	31	27	30	26	6	0	0	7	1	2	3	2	2	9	0.87	-	5																				
CONTIN (CRAIGDORROCH)	9 9	38	9.0	3.2	6.1	-	12.1	5	-5.3	13	-	-	82	-	14	29	21	12	9	1	1	0	0	0	7	10	-	0	-	-	-	-																			
CORPACH	9 9	8									-	-	179	-	25	29	28	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-																			
DALWHINNIE	9 9	351	6.8	1.0	3.9	-	9.9	5	-8.5	13	-	-	62	-	19	30	16	13	8	7	0	0	0	15	9	17	2	2	0.58	-	5																				
DOUNREAY	9 9	21	9.0	3.7	6.3	-	12.0	27	-2.0	13	-	-	124	125	17	11	27	20	2	0	0	2	0	3	1	6	2	2	0.64	-	-																				
FORTROSE	9 9	5	8.6	4.5	6.5	+2.0	11.0	4.5.7	-0.3	13	-	-	36	59	7	29	13	9	2	0	0	0	0	0	1	6	0	0	0.98	92	-																				
GLENDARE LODGE	9 9	34.1	6.7	1.2	3.9	-	10.4	4	-7.5	13	-	-	75	71	12	30	19	11	7	4	0	3	0	0	14	23	0	0	0.29	-	5																				
GRANTOWN-ON-SPEY	9 9	229	7.3	1.4	4.3	-	11.7	5	-6.0	13	-	-	48	-	8	24	17	12	9	3	0	1	0	0	10	23	0	0	1.01	-	-																				
HEARTE	9 9	109	8.0	3.6	5.8	-	9.9	5	-5.9	13	-	-	146	-	18	29	29	27	10	2	0	3	0	0	4	8	0	0	-	-	-	-																			
INVERNESS	9 9	4	9.2	4.4	6.8	-	12.4	21	-0.4	1	-	-	38	62	7	30	14	9	3	0	0	0	0	1	10	-	0	0.74	-	-	-																				
INVERPOLLY	9 9	14	-	-	-	-	-	-	-	-	-	-	167	-	25	22	30	29	-	-	-	-	-	-	-	-	-	-	-	-	-																				
ISLE OF RHUM	9 9	5	8.9	4.5	6.7	-	10.8	6	-1.2	10	6.6	7.9	194	71	16	11	31	29	4	0	1	3	0	0	3	11	-	6	0.24	-	-																				
KEISS	9 9	30	7.8	2.7	5.3	-	11.5	27	-3.2	13	5.3	6.3	101	-	11	24.27	28	24	6	4	4	4	0	0	4	8	-	3	0.94	-	-																				
KINLOCHENE	9 9	23	8.6	3.9	6.3	-	12.0	21	-2.5	13	5.9	-	301	162	91	29	31	30	2	2	0	1	0	1	4	7	-	1	0.15	-	-																				
KNOCKANROCK	9 9	244	6.8	2.8	4.8	-	9.1	5	-3.5	13	-	-	390	-	43	27	30	30	2	4	0	0	0	2	4	12	-	4	-	-	-	-																			
LAGGANLIA	9 9	250	7.2	1.9	4.5	-	9.9	5	-8.1	13	-	-	45	-	14	30	17	8	6	4	0	0	0	1	9	18	-	0	-	-	-	-																			
LARIG	9 9	91	7.9	3.0	5.5	-	10.9	27	-4.8	13	-	-	133	-	25	22	27	21	8	4	5	1	0	0	4	9	-	0	-	-	-	-																			
LENTIN	9 9	174	7.8	2.9	5.3	-	10.8	5	-5.0	13	-	-	39	-	8	30	14	9	6	4	0	2	0	0	5	16	-	6	-	-	-	-																			
LOCH OICH	9 9	52	7.9	3.0	5.5	-	10.7	29	-4.5	13	-	-	183	-	48	29	29	14	5	0	0	0	0	0	4	16	-	1	0.07	-	-	-																			
NARIN	9 9	6	8.7	3.6	6.1	+2.2	12.0	5	-2.7	13	-	-	30	70	10	30	14	10	3	1	0	1	0	0	3	9	-	2	1.15	99	-																				
ONICH	9 9	15	8.2	3.1	5.7	+1.2	10.5	24.25	-4.0	13	-	-	146	62	23	27	27	22	-	0	-	-	-	5	4	12	-	-	0.23	37	5																				
POOLEWE	9 9	6	8.0	4.6	6.7	-	10.3	21	-1.0	17.10	-	-	194	-	47	22	31	29	5	0	1	2	0	0	2	3	-	0	0.12	-	5																				
PRABOST	9 9	67	7.9	3.7	5.8	-	10.0	6	-1.9	13	-	-	187	88	31	29	31	29	1	2	1	6	1	0	4	10	-	7	0.34	-	-	-																			
RUBH RE	21-9	16	8.8	6.1	7.5	-	10.6	4.22	0.1	13	-	-	175	-	20	29	30	26	2	0	0	1	0	0	1	1	1	1	0	-	-	-																			
STRATHCONON	9 9	107	8.3	3.2	5.7	-	11.3	5	-6.3	13	-	-	127	-	21	29	27	21	5	2	0	0	0	0	5	16	-	0	-	-	-	-																			
STRATHY	9 9	37	8.3	3.2	5.7	+2.1	11.3	27	-2.2	13	-	-	129	116	19	22	29	23	7	0	0	1	0	0	4	3	-	0	0.43	61	5																				
TARATHNESS	21-9	18	8.0	4.4	6.2	+2.0	11.0	27	-2.0	12	-	-	39	73	7	30	17	12	2	0	0	0	0	0	3	-	-	-	-	-	-	-																			
TOMATIN	9 9	311	6.8	1.7	4.3	-	10.3	5	-6.2	13	-	-	66	-	12	30	25	13	6	-	0	1	0	0	10	-	0	0	-	-	-	-																			
WICK	21-9	36	7.3	3.8	5.5	+1.4	11.0	27	-3.0	13	-	-	83	96	12	24	26	20	6	0	1	8	0	0	0	0	0	7	3	0.96	92	-																			

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DECEMBER 1975

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (FEET)	AIR TEMPERATURE IN DEGREES C										MEAN EARTH TEMPERATURE		RAINFALL TERMINAL H 09 GMT		WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE			
			MEANS OF		DAILY MEAN (MEAN OF 24 H)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST		LOWEST		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	SEVERE FROST C	SEVERE FROST F	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE														
1 SCOTLAND E																																
GRAMPIAN																																
ABERDEEN																																
DYCE AIRPORT	21-9	58	8.1	2.6	5.3	+2.0	13.9	5	-2.9	13	-	-	43	57	15	1	14	7	0	0	0	0	0	0	0	0	0	0	0	0	1.75	119
MANNOFIELD	9-9	52	8.7	2.4	5.5	+1.8	14.0	5	-3.0	13	-	-	34	46	13	1	12	0	1	1	0	0	0	0	0	0	0	0	0	1.92	331	
BALMORAL	9-9	283	7.9	0.8	4.3	+2.6	11.5	5	-6.7	30	-	-	40	44	13	1	13	10	0	0	0	0	0	0	0	0	0	0	0	1.55	5	
BANCHORY	8-8	77	8.9	1.9	5.4	-	14.4	5	-3.5	13	-	-	31	32	8	1	12	6	9	2	0	0	0	0	0	0	0	0	0	0.90	87	
BANFF	9-9	24	8.6	4.1	6.3	-	12.0	5	-0.9	13	-	-	44	60	10	24	15	14	-	0	0	0	0	0	0	0	0	0	0	1.06	121	
BRACMAR	9-9	339	7.1	1.6	4.3	+2.6	10.5	5	-5.1	13	-	-	31	32	8	1	12	8	-	3	0	0	0	0	0	0	0	0	0	1.21	90	
CRAIBSTONE	9-9	91	8.4	2.2	5.3	+1.8	13.5	5	-3.0	13	-	-	38	50	14	1	12	6	3	0	0	0	0	0	0	0	0	0	0	1.86	121	
DINNET	9-9	177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ELGIN	9-9	15	8.7	3.6	6.1	-	12.0	5	-1.5	13	-	-	50	77	11	24	10	13	-	0	0	0	0	0	0	0	0	0	0	0.76	5	
FORDRES	9-9	50	8.5	3.7	6.1	+2.4	11.8	5	-2.1	13	-	-	52	95	8	20	12	5	0	0	0	0	0	0	0	0	0	0	0	1.21	90	
FRASERBURGH	21-9	19	8.3	4.5	6.4	-	11.8	5	-0.8	12	-	-	56	80	10	24	16	11	5	0	0	0	0	0	0	0	0	0	0	1.08	5	
FYVIE CASTLE	9-9	66	8.4	1.5	4.9	-	12.0	5	-3.0	11-13	-	-	49	60	9	1	21	14	6	-	0	0	0	0	0	0	0	0	0	-	-	
GARTLY	9-9	146	8.4	2.6	5.5	-	12.2	5	-2.8	13	-	-	43	-	9	24	17	13	-	0	0	0	0	0	0	0	0	0	0	-	-	
GLENLIVET	21-9	215	6.9	3.5	5.2	-	11.4	5	-4.9	13	-	-	71	77	12	24	19	12	10	2	0	0	0	0	0	0	0	0	0	0.95	5	
GORDON CASTLE	9-9	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KEITH	9-9	106	8.0	2.2	5.1	-	11.6	5	-4.0	13	-	-	62	-	14	24	20	17	5	-	0	0	0	0	0	0	0	0	0	1.26	5	
KINLOSS	21-9	5	8.0	4.3	6.1	+2.1	11.9	5	-2.4	13	-	-	46	83	7	30	16	12	9	0	0	0	0	0	0	0	0	0	0	1.07	-	
LOSSIEMOUTH	21-9	6	8.1	3.9	6.0	-	12.0	5	-2.6	13	-	-	48	87	9	24	10	11	8	0	0	0	0	0	0	0	0	0	0	1.52	106	
STONEHAVEN	9-9	4	8.5	1.3	4.9	+1.0	14.2	5	-3.6	13	-	-	29	40	11	1	8	6	2	2	0	0	0	0	0	0	0	0	0	-	-	
TAYSIDE																																
ABERDATH	9-9	28	8.2	2.7	5.5	-	13.7	5	-2.0	13	-	-	9	15	3	2	6	2	0	0	0	0	0	0	0	0	0	0	0	2.20	145	
ABERDATH	9-9	130	8.4	3.1	5.7	-	11.4	5	-3.9	13	-	-	35	22	9	30	14	7	2	0	0	0	0	0	0	0	0	0	0	0.50	-	
ASHINTULY CASTLE	9-9	341	6.3	0.7	3.5	-	10.2	5	-7.0	13	-	-	34	-	13	2	8	6	0	7	0	0	0	0	0	0	0	0	0	-	-	
BLAIRDORR	9-9	70	8.6	1.9	5.3	-	12.9	5	-4.2	13	-	-	14	19	8	1	7	4	-	0	0	0	0	0	0	0	0	0	0	2.00	-	
DALL	9-9	232	7.4	0.6	4.0	-	9.8	29	-8.5	13	-	-	53	38	11	30	12	8	8	4	0	0	0	0	0	0	0	0	0	-	-	
DRUMMOND CASTLE	9-9	113	8.8	1.8	5.3	-	12.7	5	-6.1	13	-	-	44	-	14	30	12	7	1	3	0	0	0	0	0	0	0	0	0	1.57	134	
DUNDEE	9-9	45	8.3	2.4	5.3	+1.7	13.3	21	-2.9	14	-	-	17	24	7	1	6	6	0	0	0	0	0	0	0	0	0	0	0	1.97	5	
FASKALLY	9-9	94	8.9	2.1	5.5	-	12.2	27	-5.7	13	-	-	24	24	6	1	12	7	6	1	0	0	0	0	0	0	0	0	0	-	-	
GLENHEADS	9-9	152	8.3	1.3	4.8	-	12.0	5	-5.5	13	-	-	29	26	11	30	11	5	2	-	0	0	0	0	0	0	0	0	0	1.94	5	
KINDROGAN	9-9	259	7.1	1.0	4.1	-	9.9	29	-7.9	13	-	-	27	-	8	1	12	8	7	6	0	0	0	0	0	0	0	0	0	-	-	
KINROSS	9-9	116	7.6	0.6	4.1	-	12.2	5	-5.7	13	-	-	22	-	8	1	6	5	-	0	0	0	0	0	0	0	0	0	0	1.95	-	
MONTEROSE	9-9	57	8.2	2.5	5.3	-	12.5	5	-2.0	13	-	-	19	29	10	1	7	3	2	0	0	0	0	0	0	0	0	0	0	-	-	
MYLNEFIELD	9-9	30	8.1	2.1	5.1	-	13.0	5	-3.5	13-14	-	-	4.4	6.9	10	17	6	1	7	3	1	0	0	0	0	0	0	0	0	2.46	-	
PERTH	9-9	23	9.2	2.3	5.7	+2.4	13.0	5	-3.6	13	-	-	7	8	3	30	4	2	-	0	0	0	0	0	0	0	0	0	0	-	-	
PITLOCHRY	9-9	144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STRATHALLAN	9-9	41	8.8	2.5	5.7	-	12.2	5	-3.3	13	-	-	13	-	9	1	4	2	3	0	0	0	0	0	0	0	0	0	0	-	-	
USAN	21-9	30	7.8	3.0	5.4	-	12.8	5	-2.8	13	-	-	19	35	13	1	4	3	2	0	0	0	0	0	0	0	0	0	0	2.18	-	
WHITEHILLOCKS	9-9	258	8.4	0.5	4.5	-	13.2	5	-5.8	29	-	-	46	36	25	1	11	4	5	5	0	0	0	0	0	0	0	0	0	-	-	
FIFE																																
BELLISTON	9-9	82	7.7	2.7	5.2	-	11.7	5	-2.4	13	-	-	12	18	6	1	7	3	0	0	0	0	0	0	0	0	0	0	0	-	-	
CUPAR (ELMWOOD)	9-9	36	8.0	1.3	4.7	-	12.5	5	-4.2	13	-	-	11	-	7	1	7	2	0	0	0	0	0	0	0	0	0	0	0	1.46	-	
GLENROTHES (GLENWOOD)	9-9	117	7.5	1.9	4.7	-	11.5	5	-3.6	13	-	-	13	-	7	1	8	3	-	0	0	0	0	0	0	0	0	0	0	1.95	-	
KIRKCALDY	9-9	32	8.4	2.2	5.3	+1.7	11.8	5	-3.2	13	-	-	14	21	8	1	4	2	0	0	0	0	0	0	0	0	0	0	0	1.57	131	
LEUCHARS	21-9	10	7.9	2.5	5.2	+1.3	13.0	5	-3.4	13	-	-	13	24	9	1	7	3	3	0	0	0	0	0	0	0	0	0	0	2.28	144	
PITREAVIE	21-9	40	7.9	3.5	5.7	-	11.8	5	-3.7	13	-	-	12	19	7	1	6	3	0	0	0	0	0	0	0	0	0	0	0	-	-	
ST ANDREWS	9-9	18	8.4	3.4	5.9	-	12.7	5	-2.6	13	-	-	4.2	6.2	9	15	6	1	5	2	0	0	0	0	0	0	0	0	0	2.23	-	
LOTHIAN																																
BLACKBURN SEWAGE WORKS	9-9	131	7.7	1.8	4.7	-	11.0	5	-4.3	13	-	-	24	-	10	1	9	5	-	-	-	-	-	-	-	-	-	-	-	1.81	-	
BUSH HOUSE	9-9	184	7.8	2.5	5.1	-	11.0	5	-3.5	13	-	-	15	17	5	1	5	4	1	0	0	0	0	0	0	0	0	0	0	0	1.80	-
DUNBAR	9-9	23	8.7	3.6	6.1	+1.4	12.0	29	-1.7	13	-	-	8	16	5	1	7	1	0	0	0	0	0	0	0	0	0	0	0	2.75	107	
EDINBURGH																																
EAST CRAIGS	9-9	61	8.3	2.6	5.5	-	11.3	29	-4.4	13	-	-	9	16	5	1	6	2	1	0	0	0	0	0	0	0	0	0	0	1.91	-	
ROYAL BOTANIC GARDEN	9-9	26	8.6	3.2	5.9	+1.8	12.0	5.25	-2.5	13	-	-	7	13	4	1	3	2	0													

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1975

DISTRICT REGION/COUNTY AND PLACE	MAX. TEMPERATURE (HOUR OF OBSERVATION)	MIN. TEMPERATURE (HOUR OF OBSERVATION)	AIR TEMPERATURE IN DEGREES C										MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			MEANS OF				HIGHEST MAXIMUM	DATE	LOWEST MINIMUM	DATE	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE AMOUNT	MOST IN A DAY	PRECIP- ITATION												DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE										PRECIP- ITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
																0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. 0 DEG C	CONCRETE MIN. 0 DEG C	DALE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

227
DECEMBER 1975

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (HGT.) MIN. OF STATION HEIGHT OF OBSERVATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C										MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		MEANS OF				DAILY MEAN (MEAN OF 4-8)	HIGHEST MAXIMUM		LOWEST MINIMUM		50 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR PROB	GRASS FINE BLOSSOM DEO C	CONCRETE FINE BLOSSOM DEO C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		MAX.	MIN.	DATE	MIN.		DATE	AMOUNT	DATE	0.2 MM OR MORE					1.0 MM OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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DURHAM	9 9	102	8.4	2.3	5.3	+1.6	13.7	5	-3.0	13	4.9	6.0	23	42	6	1	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1975

DISTRICT REGION/COUNTY AND PLACE	MAX. TEMPERATURE (HOUR)	MIN. TEMPERATURE (HOUR)	AIR TEMPERATURE IN DEGREES C										MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			MEANS OF				HIGHEST MAXIMUM		LOWEST MINIMUM		50 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	SNOW OR SLEET ON MORE	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WETNESS DEGREES C	WETNESS DEGREES C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A & B)	DIFFERENCE TEMP 1961-70 AVERAGE	MAX.	DATE	MIN.	DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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BRADFORD ...	9 9	134	7.6	2.9	5.3	-1.4	10.5	25	-1.9	13	5.0	7.0	39	45	21	1	6	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

[illegible]

[illegible]

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DECEMBER 1975

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN.	TERMINAL (HIGHT) OBSERVATION MIN.	AIR TEMPERATURE IN DEGREES C										MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1961-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		90 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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MUMBLES HEAD	21-9	36	8.5	5.3	6.9	-	11.5	1	-0.6	13.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1975

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HIGHT MIN. OF STATION ABOVE MSL (METRES)	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL TERMINAL H 09 GMT		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE							
			MEANS OF		DAILY MEAN (MEAN OF A & B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE	PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST BELON 0 DEG C	CONCRETE, PAV- ING, BELON 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
NORTHERN IRELAND																																
LONDONDERY																																
AGHNAULOO ...	9 9	18	8.8	3.7	6.3	-	11.5	30	-1.0	18	-	-	66	-	12	1	21	19	-	-	-	-	-	-	3	14	-	-	-	-	-	
BANAGHER (CAUGH HILL) ...	9 9	216	7.5	2.3	4.9	-	10.0	5.29.30	-3.0	13	-	-	68	-	12	1	27	15	2	0	0	0	2	1	17	19	0.76	-	-	-		
CARMONEY ...	9 9	73	8.6	3.7	6.1	-	11.1	29	-1.5	18	-	-	54	-	13	1	27	17	2	0	0	0	0	1	17	19	0.94	-	-	-		
COLERAINE UNIVERSITY ...	9 9	23	8.0	3.0	6.3	-	11.3	29	-1.4	18	5.8	7.9	48	-	7	1	27	16	4	0	0	0	0	0	5	10	-	-	-	63		
COOLKEERAGH ...	9 9	3	8.9	3.9	6.4	-	11.7	30	-1.2	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DERRYNDY FOREST ...	9 9	88	8.4	2.9	5.7	-	11.8	5	-2.3	13	-	-	38	28	7	1	15	9	2	2	0	0	0	0	5	19	-	-	-	-	-	
GARVAGH FOREST ...	9 9	88	8.1	2.9	5.5	-	11.1	29	-2.2	18	5.6	7.7	58	44	10	24	23	16	4	1	1	0	0	0	6	14	-	-	-	-	-	
LOUGHMORE FOREST ...	9 9	174	7.6	2.3	4.9	-	10.1	29.30	-5.2	13	-	-	86	67	14	1	28	20	5	3	0	2	0	0	6	14	-	-	-	-	-	
MONEYDYG ...	21-9	34	8.7	2.9	5.8	+1.3	11.8	29	-3.7	18	6.9	-	35	31	5	1.24	18	10	4	0	0	2	0	1	6	13	11	0	-	-	-	
SOMERSET FOREST ...	9 9	43	8.8	3.2	6.0	-	11.2	29	-1.9	18	-	-	56	52	11	30	23	14	1	1	0	0	0	5	-	-	-	-	-	-	-	
TRAAD POINT ...	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ANTRIM																																
ALDERGROVE AIRPORT ...	21-9	68	7.6	3.6	5.6	+1.0	11.0	5	-4.5	13	6.4	8.7	23	25	6	1	16	6	2	0	0	0	0	3	5	12	7	0	0.82	73	-	
ALTNAHINCH ...	9 9	226	7.0	2.4	4.7	-	9.4	29	-4.0	13	-	-	83	52	9	24	27	23	2	2	1	1	0	6	5	14	2	0	0.64	-	-	
BALLYLUNFORD ...	9 9	24	9.0	4.5	6.7	-	11.5	6	-0.7	13	-	-	17	-	3	23	15	8	0	1	0	0	0	1	8	-	-	-	-	-	-	
BALLYMONEY ...	9 9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	7.9	3.3	5.6	-	10.3	29	-2.0	18	-	-	89	67	8	28	26	20	2	0	0	0	0	3	9	-	-	-	-	1.08	-	
GREENMOUNT ...	9 9	32	8.3	2.6	5.5	-	10.8	5	-4.7	18	6.0	-	19	21	4	1	15	5	1	0	0	0	0	6	14	-	-	-	-	0.82	-	
KILROD ...	9 9	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LARNE ...	9 9	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LISNAFFILLAN ...	9 9	38	8.5	2.6	5.5	-	11.2	5	-3.7	14	-	-	21	20	3	24	18	7	0	0	0	0	0	6	18	-	-	-	-	1.04	-	
LOMTOWN ...	9 9	271	6.5	1.9	4.2	-	9.0	5	-4.6	13	5.3	-	55	38	7	12	25	19	1	2	0	0	0	10	7	20	2	0	0.71	-	-	
MALLUSK (HYDE PARK) ...	9 9	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PARKMORE FOREST ...	9 9	235	6.9	1.7	4.3	-	9.1	29	-3.5	13	5.5	-	114	67	24	24	30	24	3	2	0	0	0	1	8	19	0	-	-	-	-	
WOODBURN NORTH ...	9 9	217	6.8	2.7	4.7	-	9.5	29	-2.3	13	-	-	38	32	5	30	25	12	1	2	0	0	0	5	5	12	-	-	-	-	-	-
BELFAST																																
MALONE ...	9 9	35	8.6	3.2	5.9	-	11.4	29	-3.5	13	6.6	-	18	-	4	23	11	5	-	-	-	-	0	5	16	-	-	-	-	0.91	-	
MILLTOWN ...	9 9	37	8.5	3.1	5.8	-	12.2	5	-3.1	18	-	-	18	-	6	23	14	5	2	1	0	1	0	2	4	11	0	-	-	0.99	-	
NEWTOWNABBEY ...	9 9	32	8.8	4.7	6.7	-	11.8	5	-1.1	13	6.7	-	25	23	6	23.30	14	5	1	0	1	0	0	0	2	11	6	0	-	-	5	
ROSEBANK ...	9 9	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROSETTA ...	9 9	24	8.4	3.1	5.7	-	11.5	5	-3.0	13	-	-	15	16	5	23	8	5	-	-	-	-	0	4	-	-	-	-	-	-	-	
STORMONT CASTLE ...	9 9	56	8.9	3.5	6.2	-	11.7	28	-2.2	13	5.9	7.7	18	19	7	23	13	6	0	0	0	0	0	4	14	-	-	-	-	0.91	-	
DOWN																																
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYMATTICOCK ...	-	6	8.6	3.3	5.9	-	11.4	5	-2.6	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COMBER CEMETERY ...	9 9	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CRAIGTIONS GREEN ...	9 9	119	7.9	3.4	5.7	-	11.0	5	-1.4	18	-	-	17	16	6	23	5	5	-	-	-	-	0	3	-	-	-	-	-	-	-	-
DOWNPATRICK ...	9 9	26	8.9	3.6	6.3	-	11.8	25	-3.0	13	-	-	10	-	3	23	8	4	-	-	-	-	3	4	8	-	-	-	-	-	-	
HELENS BAY ...	9 9	43	8.4	4.2	6.3	-	11.2	5	-0.5	13	-	-	14	16	5	23	8	4	1	0	0	1	0	0	2	8	0	-	-	0.98	-	
HILLSBOROUGH ...	9 9	116	7.6	3.2	5.4	+0.7	11.5	5	-4.2	13	6.3	8.1	27	25	8	23	16	5	2	1	0	0	0	1	4	12	-	-	-	0.75	61	
KILKEEL ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILLBOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLUGH ...	9 9	9	9.0	2.9	5.9	-	12.0	29.30	-5.6	13	5.7	7.1	12	-	3	23	9	5	1	0	0	0	0	0	4	12	-	-	-	-	1.46	-
NEARTY ABBEY ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARMAGH																																
ARMAGH ...	9 9	62	7.9	3.0	5.5	+0.6	11.1	5	-3.1	13	6.4	8.3	18	21	7	23	11	5	0	0	0	0	0	6	15	-	-	-	-	0.84	71	
LOUGHALL ...	9 9	25	8.4	3.1	5.7	-	11.5	5	-3.8	13	-	-	13	16	6	23	12	4	0	0	0	0	0	5	18	-	-	-	-	1.02	-	
LURGAN ...	9 9	55	8.3	3.2	5.7	-	11.3	5	-3.9	13.18	6.1	8.1	18	21	7	23	11	5	0	-	-	-	-	5	17	-	-	-	-	0.77	-	
PORTADOWN ...	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TANDRAGEE ...	9 9	43	9.0	3.9	6.5	-	12.1	5	-2.1	14	-	-	16	-	7	23	9	5	2	-	-	-	0	3	-	-	-	-	-	-	-	
TYRONE																																
CARRIGANS ...	21-9	113	7.8	3.7	5.7	-	10.8	5.29	-3.3	18	-	-	48	40	12	1	23	13	5	3	1	0	0	3	5	13	5	0	0.80	-	-	
COOKSTOWN ...	9 9	77	8.1	2.9	5.5	-	11.0	5.6	-3.2	18	5.8	-	20	-	6	1	15	6	1	0	0	0	0	0	5	17	-	-	-	-	-	
LOUGH BRADAN ...	9 9	169	7.5	2.3	4.9	-	10.0	6	-3.9	13	-	-	71	47	15	1.30	22	16	-	-	-	-	0	7	15	-	-	-	-	0.93	-	
POMEYRY FOREST ...	9 9	165	7.3	2.3	4.8	-	10.1	5	-2.5	18	5.9	-	29	24	6	23	13	10	3	2	0	0	0	5	6	17	-	-	-	-	-	
STRABANE CONVENT ...	9 9	44	8.7	3.7	6.2	-	11.2	29	-2.1	18	-	-	51	49	12	1	25	14	3	1	2	0	1	1	19	-	-	-	-	0.42	-	
TEVENNY ...	9 9	41	8.8	3.0	5.9	-	11.3	6	-2.5	13.18	-	-	44	-	7	1	19	12	-	-	-	-	-	2	5	-	-	-	-	-	-	
FERMANAGH																																
CASTLE ARCHDALE ...	9 9	66	8.3	3.2	5.7	+1.4	12.5	4	-4.0	18	6.5	7.8	49	39	13	1	22	11	2	0	0	0	0	2	5	-	-	-	-	0.82	61	
FOREST ...	9 9	156	7.8	3.5	5.7	-	10.0	4.5.30	-2.0	13.18	-	-	69	-	10	23	23	20	3	-	3	0	0	2	3	10	-	-	-	-	-	-
CORRARY ...	9 9	53	8.6	3.4	6.0	-	11.2	29	-3.0	18	-	-	56	-	10	30	27	12	1	0	0	0	0	2	4	9	-	-	-	-	-	-
KNOCKARAVAN ...	9 9	49	8.6	2.9	5.8	-	13.0	3	-4.9	13.18	-	-	29	28	7	1	16	9	0	-	-	-	0	2	4	12	-	-	-	-	0.75	-
LISNASKER ...	9 9	148	7.																													

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 1975

STATION	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT					VISIBILITY					WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			AT MSL (MB)	DIFFERENCE FROM 1961-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	WET BULB DEGREES C	RELATIVE HUMIDITY (%)	OKTAS					0 - 39M	40 - 190M	200 - 390M	400 - 590M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
									0	1-2	3-5	6-7	8											SKY OBSERVED	0 - 39M	40 - 190M	200 - 390M	400 - 590M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
																																			0	1-2	3-5	6-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32-33	34-35	36-37	38-39	40-41	42-43	44-45	46-47	48-49	50-51	52-53	54-55	56-57	58-59	60-61	62-63	64-65	66-67	68-69	70-71	72-73	74-75	76-77	78-79	80-81	82-83	84-85	86-87	88-89	90-91	92-93	94-95	96-97	98-99	100-101	102-103	104-105	106-107	108-109	110-111	112-113	114-115	116-117	118-119	120-121	122-123	124-125	126-127	128-129	130-131	132-133	134-135	136-137	138-139	140-141	142-143	144-145	146-147	148-149	150-151	152-153	154-155	156-157	158-159	160-161	162-163	164-165	166-167	168-169	170-171	172-173	174-175	176-177	178-179	180-181	182-183	184-185	186-187	188-189	190-191	192-193	194-195	196-197	198-199	200-201	202-203	204-205	206-207	208-209	210-211	212-213	214-215	216-217	218-219	220-221	222-223	224-225	226-227	228-229	230-231	232-233	234-235	236-237	238-239	240-241	242-243	244-245	246-247	248-249	250-251	252-253	254-255	256-257	258-259	260-261	262-263	264-265	266-267	268-269	270-271	272-273	274-275	276-277	278-279	280-281	282-283	284-285	286-287	288-289	290-291	292-293	294-295	296-297	298-299	300-301	302-303	304-305	306-307	308-309	310-311	312-313	314-315	316-317	318-319	320-321	322-323	324-325	326-327	328-329	330-331	332-333	334-335	336-337	338-339	340-341	342-343	344-345	346-347	348-349	350-351	352-353	354-355	356-357	358-359	360-361	362-363	364-365	366-367	368-369	370-371	372-373	374-375	376-377	378-379	380-381	382-383	384-385	386-387	388-389	390-391	392-393	394-395	396-397	398-399	400-401	402-403	404-405	406-407	408-409	410-411	412-413	414-415	416-417	418-419	420-421	422-423	424-425	426-427	428-429	430-431	432-433	434-435	436-437	438-439	440-441	442-443	444-445	446-447	448-449	450-451	452-453	454-455	456-457	458-459	460-461	462-463	464-465	466-467	468-469	470-471	472-473	474-475	476-477	478-479	480-481	482-483	484-485	486-487	488-489	490-491	492-493	494-495	496-497	498-499	500-501	502-503	504-505	506-507	508-509	510-511	512-513	514-515	516-517	518-519	520-521	522-523	524-525	526-527	528-529	530-531	532-533	534-535	536-537	538-539	540-541	542-543	544-545	546-547	548-549	550-551	552-553	554-555	556-557	558-559	560-561	562-563	564-565	566-567	568-569	570-571	572-573	574-575	576-577	578-579	580-581	582-583	584-585	586-587	588-589	590-591	592-593	594-595	596-597	598-599	600-601	602-603	604-605	606-607	608-609	610-611	612-613	614-615	616-617	618-619	620-621	622-623	624-625	626-627	628-629	630-631	632-633	634-635	636-637	638-639	640-641	642-643	644-645	646-647	648-649	650-651	652-653	654-655	656-657	658-659	660-661	662-663	664-665	666-667	668-669	670-671	672-673	674-675	676-677	678-679	680-681	682-683	684-685	686-687	688-689	690-691	692-693	694-695	696-697	698-699	700-701	702-703	704-705	706-707	708-709	710-711	712-713	714-715	716-717	718-719	720-721	722-723	724-725	726-727	728-729	730-731	732-733	734-735	736-737	738-739	740-741	742-743	744-745	746-747	748-749	750-751	752-753	754-755	756-757	758-759	760-761	762-763	764-765	766-767	768-769	770-771	772-773	774-775	776-777	778-779	780-781	782-783	784-785	786-787	788-789	790-791	792-793	794-795	796-797	798-799	800-801	802-803	804-805	806-807	808-809	810-811	812-813	814-815	816-817	818-819	820-821	822-823	824-825	826-827	828-829	830-831	832-833	834-835	836-837	838-839	840-841	842-843	844-845	846-847	848-849	850-851	852-853	854-855	856-857	858-859	860-861	862-863	864-865	866-867	868-869	870-871	872-873	874-875	876-877	878-879	880-881	882-883	884-885	886-887	888-889	890-891	892-893	894-895	896-897	898-899	900-901	902-903	904-905	906-907	908-909	910-911	912-913	914-915	916-917	918-919	920-921	922-923	924-925	926-927	928-929	930-931	932-933	934-935	936-937	938-939	940-941	942-943	944-945	946-947	948-949	950-951	952-953	954-955	956-957	958-959	960-961	962-963	964-965	966-967	968-969	970-971	972-973	974-975	976-977	978-979	980-981	982-983	984-985	986-987	988-989	990-991	992-993	994-995	996-997	998-999	1000-1001	1002-1003	1004-1005	1006-1007	1008-1009	1010-1011	1012-1013	1014-1015	1016-1017	1018-1019	1020-1021	1022-1023	1024-1025	1026-1027	1028-1029	1030-1031	1032-1033	1034-1035	1036-1037	1038-1039	1040-1041	1042-1043	1044-1045	1046-1047	1048-1049	1050-1051	1052-1053	1054-1055	1056-1057	1058-1059	1060-1061	1062-1063	1064-1065	1066-1067	1068-1069	1070-1071	1072-1073	1074-1075	1076-1077	1078-1079	1080-1081	1082-1083	1084-1085	1086-1087	1088-1089	1090-1091	1092-1093	1094-1095	1096-1097	1098-1099	1100-1101	1102-1103	1104-1105	1106-1107	1108-1109	1110-1111	1112-1113	1114-1115	1116-1117	1118-1119	1120-1121	1122-1123	1124-1125	1126-1127	1128-1129	1130-1131	1132-1133	1134-1135	1136-1137	1138-1139	1140-1141	1142-1143	1144-1145	1146-1147	1148-1149	1150-1151	1152-1153	1154-1155	1156-1157	1158-1159	1160-1161	1162-1163	1164-1165	1166-1167	1168-1169	1170-1171	1172-1173	1174-1175	1176-1177	1178-1179	1180-1181	1182-1183	1184-1185	1186-1187	1188-1189	1190-1191	1192-1193	1194-1195	1196-1197	1198-1199	1200-1201	1202-1203	1204-1205	1206-1207	1208-1209	1210-1211	1212-1213	1214-1215	1216-1217	1218-1219	1220-1221	1222-1223	1224-1225	1226-1227	1228-1229	1230-1231	1232-1233	1234-1235	1236-1237	1238-1239	1240-1241	1242-1243	1244-1245	1246-1247	1248-1249	1250-1251	1252-1253	1254-1255	1256-1257	1258-1259	1260-1261	1262-1263	1264-1265	1266-1267	1268-1269	1270-1271	1272-1273	1274-1275	1276-1277	1278-1279	1280-1281	1282-1283	1284-1285	1286-1287	1288-1289	1290-1291	1292-1293	1294-1295	1296-1297	1298-1299	1300-1301	1302-1303	1304-1305	1306-1307	1308-1309	1310-1311	1312-1313	1314-1315	1316-1317	1318-1319	1320-1321	1322-1323	1324-1325	1326-1327	1328-1329	1330-1331	1332-1333	1334-1335	1336-1337	1338-1339	1340-1341	1342-1343	1344-1345	1346-1347	1348-1349	1350-1351	1352-1353	1354-1355	1356-1357	1358-1359	1360-1361	1362-1363	1364-1365	1366-1367	1368-1369	1370-1371	1372-1373	1374-1375	1376-1377	1378-1379	1380-1381	1382-1383	1384-1385	1386-1387	1388-1389	1390-1391	1392-1393	1394-1395	1396-1397	1398-1399	1400-1401	1402-1403	1404-1405	1406-1407	1408-1409	1410-1411	1412-1413	1414-1415	1416-1417	1418-1419	1420-1421	1422-1423	1424-1425	1426-1427	1428-1429	1430-1431	1432-1433	1434-1435	1436-1437	1438-1439	1440-1441	1442-1443	1444-1445	1446-1447	1448-1449	1450-1451	1452-1453	1454-1455	1456-1457	1458-1459	1460-1461	1462-1463	1464-1465	1466-1467	1468-1469	1470-1471	1472-1473	1474-1475	1476-1477	1478-1479	1480-1481	1482-1483	1484-1485	1486-1487	1488-1489	1490-1491	1492-1493	1494-1495	1496-1497	1498-1499	1500-1501	1502-1503	1504-1505	1506-1507	1508-1509	1510-1511

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 1975

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT		VISIBILITY										WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE								N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 1975

		HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																				
				AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF MET BULB DEGREES C	WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 30M	40 - 100M	200 - 300M	400 - 900M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						SPEED (KT)	D	N	NE	E	SE	S	SW	W	NW
											0	1 - 2	3 - 5	6 - 7	8	9											SKY OBSERVED	34 OR MORE	6-7	4-5	1-3	CALM										
NUMBER OF OBSERVATIONS																																										
S ENGLAND SE & CENT. S. - CONTD.																																										
KENT																																										
DUNDENESS	7	3	1025.2	-	-	-	-	-	-	5.9	2	0	5	3	3	15	3	0	1	0	0	3	1	0	8	8	10	0	0	1	9	19	2	6	1	2	0	1	5	8	6	7
	9	1025.6	-	-	-	-	-	-	-	6.2	0	0	3	6	6	15	1	0	0	0	0	1	3	8	6	10	0	0	2	10	15	3	7	1	0	1	4	9	3	6		
	15	1024.5	-	-	-	-	-	-	-	5.7	2	2	4	4	4	12	0	0	0	0	0	1	1	10	8	9	0	0	1	2	10	15	3	7	1	0	1	4	9	3	6	
	21	1025.3	-	-	-	-	-	-	-	5.7	3	4	4	4	4	16	0	0	0	0	0	1	1	11	6	11	0	0	1	1	11	17	2	6	1	0	1	4	10	6	6	
HANSTON	45	3	1025.0	-	-	-	-	-	-	5.7	5	3	0	8	14	1	0	1	1	2	1	2	5	11	8	0	0	0	1	8	21	1	5	1	0	0	3	10	8	3		
	9	1025.3	-	-	-	-	-	-	-	6.0	1	5	2	11	12	0	0	1	0	2	1	3	10	6	5	1	0	2	4	24	1	7	1	0	0	1	10	7	3			
	15	1024.3	-	-	-	-	-	-	-	5.5	2	4	7	2	8	11	1	1	0	1	1	2	2	10	7	4	3	0	2	7	21	1	5	0	0	2	3	5	11	4		
	21	1025.1	-	-	-	-	-	-	-	5.5	4	4	1	13	9	0	0	0	0	2	2	7	8	10	0	0	0	1	8	22	0	4	2	0	0	2	9	8	6			
WEST SUSSEX																																										
ORTWICK	60	3	1025.6	-	-	-	-	-	-	5.7	3	4	3	6	13	2	0	3	2	2	3	2	7	10	2	0	0	0	5	17	9	4	0	0	0	4	8	4	2			
	9	1025.8 +11.3	-	-	-	-	-	-	-	5.9	2	5	1	9	14	0	0	0	0	2	4	5	7	7	6	0	0	0	4	22	5	6	0	1	0	3	9	5	2			
	15	1024.6	-	-	-	-	-	-	-	5.6	3	4	2	13	9	0	0	0	0	1	2	2	10	7	8	1	0	0	10	19	2	7	0	3	0	2	7	4	6			
	21	1025.6	-	-	-	-	-	-	-	4.9	7	4	1	8	11	0	1	1	0	0	0	3	5	8	11	2	0	0	1	3	22	5	4	1	0	0	0	11	6	4		
THORNEY ISLAND	5	3	1025.9	-	-	-	-	-	-	5.3	5	5	0	1	7	12	1	0	1	0	4	5	8	3	9	1	0	0	7	23	1	8	2	0	0	0	6	10	4			
	9	1026.2 +11.3	-	-	-	-	-	-	-	5.8	2	6	0	9	14	0	0	0	0	2	4	10	1	13	1	0	0	1	6	22	2	9	3	0	0	1	4	9	3			
	15	1025.1	-	-	-	-	-	-	-	5.8	1	2	8	3	8	5	0	0	0	0	0	6	8	6	10	1	0	0	1	9	19	2	7	4	1	0	3	4	8	2		
	21	1026.0	-	-	-	-	-	-	-	5.5	7	1	2	5	16	0	0	1	0	0	0	6	11	6	7	0	0	1	9	23	1	10	2	1	0	0	6	7	4			
7A ENGLAND NW & I.O.H. CUMBRIA																																										
CARLISLE	28	3	1022.3	-	-	-	-	-	-	5.8	3	3	2	11	12	0	0	0	1	0	3	2	1	13	10	1	0	0	10	18	3	2	2	0	2	1	4	15	2			
	9	1022.4 +11.6	-	-	-	-	-	-	-	6.5	0	2	3	6	20	5	1	0	0	0	3	1	1	0	16	3	0	0	1	11	17	2	2	0	1	4	2	6	12	0		
	15	1021.6	-	-	-	-	-	-	-	6.2	0	3	6	12	10	0	0	0	0	0	1	1	5	8	12	3	0	0	0	14	16	1	3	2	0	1	0	6	18	0		
	21	1022.7	-	-	-	-	-	-	-	6.3	0	5	3	9	11	3	0	1	2	0	1	0	4	12	10	1	0	0	11	17	3	2	1	1	1	1	8	13	1			
LANCASHIRE																																										
SQUIRES GATE	11	3	1023.9	-	-	-	-	-	-	6.6	0	6	0	9	30	6.7	2	2	1	9	16	1	0	1	5	12	10	1	0	0	14	17	0	4	2	1	0	1	4	11	8	
	9	1024.0 +12.2	-	-	-	-	-	-	-	6.6	0	2	3	17	9	0	0	0	0	0	1	2	4	9	11	4	0	0	1	12	17	1	4	1	3	2	1	3	14	2		
	15	1023.3	-	-	-	-	-	-	-	6.3	1	3	1	20	6	0	0	0	0	0	0	1	3	9	9	2	0	0	1	10	0	3	1	0	0	7	13	9	6			
	21	1024.2	-	-	-	-	-	-	-	6.1	0	6	2	10	12	1	0	1	0	0	3	4	3	6	14	0	0	0	13	18	0	4	0	3	1	2	6	9	6			
MERSEYSIDE																																										
SPEKE	24	3	1024.2	-	-	-	-	-	-	6.0	0	7	8	5	90	6.5	1	2	2	15	10	1	1	0	5	7	14	2	0	0	9	20	2	4	2	0	1	1	4	8	9	
	9	1024.3 +11.9	-	-	-	-	-	-	-	6.5	0	3	2	16	9	1	0	1	1	1	3	7	10	6	1	0	0	1	4	21	5	3	2	1	1	4	3	7	5			
	15	1023.6	-	-	-	-	-	-	-	6.3	0	4	1	19	7	0	0	0	1	0	0	4	4	11	8	3	0	0	11	17	3	4	0	1	1	0	3	11	8			
	21	1024.4	-	-	-	-	-	-	-	6.5	0	4	2	11	13	1	0	1	0	0	1	4	8	5	11	1	0	0	11	17	3	4	0	0	0	5	3	10	6			
GREATER MANCHESTER																																										
RINDWAY	84	3	1024.3	-	-	-	-	-	-	6.9	1	3	0	5	21	1	0	1	0	4	0	3	8	7	7	1	0	0	4	25	2	2	0	0	1	9	6	10	1			
	9	1024.5 +12.1	-	-	-	-	-	-	-	7.0	0	2	1	15	13	0	0	0	1	3	3	4	6	9	5	0	0	0	6	22	3	2	0	0	0	6	9	7	4			
	15	1023.6	-	-	-	-	-	-	-	6.5	0	2	4	16	9	0	0	0	0	2	3	2	9	14	1	0	0	0	11	19	1	2	0	1	0	7	5	9	6			
	21	1024.5	-	-	-	-	-	-	-	6.4	0	3	5	9	13	1	0	0	1	1	5	3	7	10	4	0	0	0	6	5	26	0	2	0	0	2	8	6	9	4		
ISLE OF MAN																																										
POINT OF AYRE	9	3	1023.3	-	-	-	-	-	-	5.9	0	6	4	10	11	0	0	0	0	0	0	0	1	0	7	23	0	0	3	21	5	2	3	1	0	1	1	4	12	7		
	9	1023.3 +12.9	-	-	-	-	-	-	-	6.5	0	1	7	6	17	0	0	0	0	0	0	0	0	2	13	16	0	0	5	20	4	2	6	0	0	0	2	5	12	4		
	15	1022.7	-	-	-	-	-	-	-	5.8	0	0	5	15	11	0	0	0	0	0	0	0	0	1	19	11	1	3	21	6	0	0	0	0	0	8	11	8	5			
	21	1023.6	-	-	-	-	-	-	-	5.8	0	3	10	7	11	0	0	0	0	0	0	0	0	1	11	19	1	3	21	5	1	2	2	0	0	0	5	16	5			
RONALDSWY	21	3	1023.9	-	-	-	-	-	-	5.8	0	5	6	7	13	0	0	0	0	0	0	0	1	3	14	13	0	1	22	8	0	4	1	0	1	1	5	12	7			
	9	1023.9 +12.8	-	-	-	-	-	-	-	6.3	0	3	2	20	6	0	0	0	0	0	0	0	1	8	8	14	0	1	2	16	11	1	4	2	0	0	1	3	13	7		
	15	1023.3	-	-	-	-	-	-	-	6.5	0	2	3	18	8	0	0	0	0	0	0	0	1	7	15	8	0	0	1	21	8	1	3	1	0	0	7	12	7			
	21	1024.3	-	-	-	-	-	-	-	6.2	0	5	2	12	12	0	0	0	0	0	0	0	2	5	15	9	0	0	0	21	10	0	4	1	0	1	2	14	9			
7B WALES N Gwynedd																																										
BARDSEY ISLAND	19	3	1025.3	-	-	-	-	-	-	7.5	0	0	4	2	25	0	0	0	0	0	0	0	0	27	4	0	0	5	12	13	1	9	1	0	0	1	6	6	7			
	9	1025.2	-	-	-	-	-	-	-	7.5	0	0	2	7	22	0	0	0	0	0	0	0	0	14	13	3	0	2	4	15	9	1	9	4	0	0	1	6	2	8		
	15	1024.8	-	-	-	-	-	-	-	7.6	0	0	1	6	24	0	0	0	0	0	0	0	0	13	12	6	0	3	17	10	1	6	2	1	4	5	2	3	5			
	21	1025.6	-	-	-	-	-	-	-	7.0	1	1	4	1	24	0	0	0	0	0	0	0	0	1	20	10	0	0	5	11	14	1	9	4	0	0	0	6	5	5		
VALLEY	11	3	1024.9	-	-	-	-	-	-	7.0	1	3	9	18	0	0	0	0	0	0	0	0	3	13	14	1	0	3	12	16	0	3	1	1	0	2	5	9	10			
	9	1025.0 +13.3	-	-	-	-	-	-	-	7.7	0	1	1	17	12	0	0	0	0	0	0																					

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 1975

STATION	HOURS	HEIGHT OF BAROMETER ABOVE MSL (METRES)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY										WIND SPEED AND DIRECTION																
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	BEAUFORT FORCE																
										0	1-2	3-5	6-7	8	SKY OBSERVED										34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW				
NUMBER OF OBSERVATIONS																																									
88 ENGLAND SW																																									
AVON																																									
FILTON	61	3	1025.8	-	5.1	0.8	7.9	88	6.2	3	2	2	11	12	1	0	1	0	0	3	5	7	10	5	0	0	0	5	26	0	4	1	5	0	2	9	9	1	2	5	1
	9	1026.1	+12.1	-	5.1	0.8	7.9	88	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	23	0	4	1	5	0	2	9	9	1	2	5	1
	15	1025.0	-	-	7.0	1.2	8.4	82	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	17	0	2	2	1	0	0	1	7	7	5	1	
SOMERSET	21	1026.0	-	-	5.3	0.8	8.0	87	5.2	6	4	0	10	10	1	0	2	0	0	3	5	6	11	6	0	0	0	6	24	1	2	2	5	0	1	6	12	1	2	5	1
YEOVILTON	23	3	1026.4	-	4.2	0.7	7.5	88	6.5	3	2	1	4	19	2	0	4	1	2	2	1	8	13	0	0	0	1	2	8	20	1	1	0	0	1	3	4	1	1	1	1
	9	1026.5	-	-	4.8	0.8	7.7	87	6.4	1	2	3	12	10	3	0	1	3	2	2	1	7	14	0	0	0	0	5	12	14	2	2	0	1	2	3	6	4	1	1	1
	15	1025.9	-	-	7.1	1.3	8.4	81	6.5	1	2	2	15	10	1	0	1	0	0	4	4	14	4	0	0	0	0	2	10	12	7	8	1	0	0	6	5	4	1	1	
DORSET	21	1026.5	-	-	4.9	0.8	7.8	87	6.1	5	2	1	3	18	2	0	5	0	0	1	3	10	12	0	0	0	1	8	12	12	4	0	0	0	3	5	3	4	1	1	1
HURN	11	3	1025.9	-	3.4	0.4	7.5	93	5.9	2	4	4	16	1	0	1	2	0	2	6	5	8	7	0	0	0	4	21	6	10	1	0	1	1	3	7	2	5	1	1	
	9	1026.2	-	-	3.9	0.4	7.7	92	5.5	4	4	2	11	10	0	0	0	0	1	2	5	10	6	7	0	0	0	4	24	3	9	0	0	0	2	5	7	5	1	1	
	15	1025.2	-	-	7.1	1.2	8.5	82	6.1	2	3	2	14	10	0	0	0	0	0	1	1	14	8	6	1	0	0	10	20	1	12	2	1	0	1	7	3	4	1	1	
PORTLAND BILL C.O.	21	1026.1	-	-	4.7	0.6	8.0	91	5.5	7	0	3	7	13	1	0	1	1	0	0	4	11	7	7	0	0	0	10	20	1	7	3	0	0	2	6	6	1	1	1	
	3	1026.1	-	-	6.6	0.8	8.0	88	5.5	6	2	3	1	19	0	0	0	0	0	0	11	11	6	3	0	4	9	13	5	6	6	1	0	1	1	10	1	1	1	1	
	9	1026.4	-	-	6.6	0.9	8.7	87	5.8	1	6	2	8	14	0	0	0	0	1	0	8	12	6	4	0	3	13	14	1	7	6	2	0	0	3	6	6	1	1		
DEVON	15	1025.3	-	-	7.5	0.9	9.1	86	6.5	1	4	1	9	16	0	0	0	0	0	0	12	6	10	2	0	3	13	14	1	8	7	1	0	0	2	7	5	1	1	1	
	21	1026.3	-	-	6.7	0.7	8.9	89	5.5	6	3	1	6	15	0	0	0	0	0	0	12	12	4	3	1	1	12	16	1	6	8	3	0	0	2	6	5	1	1	1	
EXETER	38	3	1026.4	-	4.9	0.7	8.0	90	6.5	2	3	2	4	18	2	0	1	1	1	0	3	7	6	9	3	0	0	8	14	9	4	4	2	2	0	2	5	3	3	3	
	9	1026.7	+12.2	-	5.0	0.7	8.0	90	6.6	0	4	1	12	14	0	0	0	0	0	0	2	3	10	6	0	0	0	6	22	3	6	6	4	0	2	2	4	4	6	6	
	15	1025.7	-	-	7.4	1.3	8.6	82	6.5	0	3	2	18	8	0	0	0	0	0	0	3	10	10	6	0	0	0	11	18	1	7	6	2	0	3	6	0	6	6		
HARTLAND POINT	21	1026.7	-	-	5.6	0.8	8.1	88	5.9	3	5	1	4	17	1	0	1	1	0	1	5	10	6	6	0	0	0	8	13	10	5	3	3	0	2	2	3	3	3	3	
	3	1026.2	-	-	7.5	1.1	8.9	84	6.5	1	2	4	6	18	0	0	0	0	0	1	0	10	6	14	1	5	10	15	0	6	4	4	1	1	4	6	5	1	1		
	9	1026.3	-	-	7.4	1.0	8.9	85	7.0	0	0	0	14	13	0	0	0	0	0	0	0	15	9	7	1	7	10	12	1	4	3	4	2	1	2	7	7	7	7	7	
MOUNT BATTEN	15	1025.6	-	-	7.9	1.1	9.1	84	7.0	0	0	0	14	12	0	0	0	0	0	0	1	2	7	11	10	2	4	8	14	3	7	7	1	0	0	1	9	3	1	1	
	21	1026.6	-	-	7.9	1.1	9.2	84	6.5	2	1	5	4	19	0	0	0	0	0	0	1	9	7	14	2	5	11	12	1	8	4	3	0	1	1	10	3	1	1		
MOUNT BATTEN	28	3	1026.5	-	6.4	0.9	8.5	87	6.4	4	0	2	9	16	0	0	0	0	0	2	11	11	7	0	0	0	8	18	5	4	7	3	1	0	2	6	3	3	3		
	9	1026.8	+12.3	-	6.5	0.9	8.5	86	6.0	1	4	3	17	6	0	0	0	0	0	4	9	11	5	2	0	1	8	16	6	6	8	1	1	0	3	3	3	3	3		
	15	1025.9	-	-	8.3	1.4	8.9	80	6.4	0	3	2	16	10	0	0	0	0	0	2	11	11	5	2	0	1	9	19	2	6	7	4	0	0	1	8	3	1	1		
PRAMLE POINT	21	1026.8	-	-	7.0	1.0	8.7	84	5.9	4	3	2	5	17	0	0	0	0	0	0	4	6	14	6	1	0	8	21	2	4	11	3	0	0	0	8	3	1	1		
	3	1026.8	-	-	-	-	-	-	-	5.3	5	4	2	16	0	0	0	0	0	0	0	5	13	12	1	2	4	14	10	1	3	10	0	2	0	7	8	1	1		
	9	1026.8	-	-	-	-	-	-	-	6.0	0	5	4	10	12	0	0	0	0	0	6	8	17	0	1	5	14	8	3	4	8	2	1	0	1	6	6	1	1		
CORNWALL	15	1026.8	-	-	-	-	-	-	-	6.9	0	2	3	8	16	0	0	0	0	0	0	5	10	16	0	2	4	13	12	0	5	9	4	0	0	10	3	1	1		
	21	1027.1	-	-	-	-	-	-	-	5.3	5	4	4	2	18	0	0	0	0	0	0	4	11	15	1	2	3	14	11	1	6	8	5	0	0	8	3	1	1		
GHENNAP HEAD	70	3	1026.2	-	7.5	1.2	8.7	82	6.4	0	4	4	4	19	0	0	0	0	0	0	0	2	9	18	2	1	0	18	10	2	8	8	0	1	0	7	4	1	1		
	9	1026.3	-	-	7.5	1.4	8.4	80	6.3	1	1	5	8	16	0	0	0	0	0	0	0	3	10	14	4	0	4	12	15	0	6	7	2	0	3	9	3	2	0		
	15	1025.7	-	-	8.1	1.4	8.8	80	6.7	0	2	3	9	17	0	0	0	0	0	0	0	4	11	12	4	1	5	9	14	2	6	9	0	1	0	8	3	2	0		
ST MANDAN	21	1026.4	-	-	7.6	1.3	8.7	81	6.0	1	4	6	1	19	0	0	0	0	0	0	0	2	8	17	4	0	6	10	14	1	7	9	2	0	0	8	4	0	0		
	3	1026.8	-	-	6.2	0.9	8.3	85	6.4	3	4	4	20	0	0	0	0	0	0	2	6	8	13	2	0	1	6	21	3	4	5	4	0	5	3	5	2	5	1		
	9	1027.0	+12.8	-	6.3	0.8	8.6	88	6.5	0	3	3	12	13	0	0	0	0	0	1	11	7	9	3	0	1	9	20	1	3	4	7	0	4	5	2	4	1	1		
SCILLY	15	1026.2	-	-	7.7	1.3	8.7	81	6.5	0	1	7	10	13	0	0	0	0	0	0	1	8	7	11	4	0	2	9	17	3	5	6	3	1	1	6	2	4	1		
	21	1027.1	-	-	6.7	0.9	8.6	85	6.6	2	1	3	8	17	0	0	0	0	0	0	2	12	14	3	0	2	6	20	3	6	6	2	0	4	4	3	3				

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		ABOVE MSL	ABOVE GROUND EFFECTIVE	34 KT OR MORE (GALE FORCE)					22-33 KT					11-23 KT					4-10 KT					LESS THAN 4 KT					MEAN HOURLY WIND SPEED (KT)					HOURLY WIND					GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				DATES OF OCCURRENCE					NUMBER OF HOURS	PERIODS	NUMBER OF HOURS					HOURS OF NO RECORD	YEAR FROM N	SPEED-KT	DAY	YEAR FROM N	SPEED-KT	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
CONTINUATION OF DISTRICT 3 EAST ANGLA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</

TABLE 6 ADDITIONS AND CORRECTIONS

YEAR MONTH AND STATION	HEIGHT OF VANE IN METRES	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES							
		54 KT OR MORE (GALE FORCE)										HOURLY WIND							
		22-55 KT										DUST							
		54 KT OR MORE (GALE FORCE)	22-55 KT	11-21 KT	4-10 KT	LESS THAN 4 KT	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	MEAN HOURLY WIND SPEED (KT)	VEER FROM N	SPEED-KT	DAY	HOUR BEGINNING	VEER FROM N	SPEED-KT	DAY TIME
1972 JUNE SHIN			0 1	2 103	387	215	13	6.5	300	23	22	08	310	41	22	1000			
1972 JUNE LONDON WEATHER CENTRE			0 0	0 376	327	17	0	11.0	220	21	21	15	210	36	18	1624			
1972 JULY SHIN			0 0	0 79	311	354	0	5.3	300	17	11	12	290	33	10	1112			
1972 JULY LONDON WEATHER CENTRE			0 1	1 384	319	40	0	10.4	030	23	17	15	030	37	17	1412			
1972 AUGUST SHIN			0 1	1 135	309	299	0	6.2	250	22	17	09	270	40	17	1136			
1972 AUGUST LONDON WEATHER CENTRE			0 3	12 376	309	47	0	10.6	200	28	08	12	200	48	08	1312			
1972 SEPTEMBER SHIN			0 0	0 68	226	410	16	4.6	250	20	21	11	250	35	21	1106			
1972 SEPTEMBER LONDON WEATHER CENTRE			0 0	0 360	299	61	0	10.0	170	21	09	01	180	39	09	0430			
1972 OCTOBER SHIN			0 3	8 78	297	361	0	5.4	260	25	23	02	200	51	30	0500			
1972 OCTOBER LONDON WEATHER CENTRE			0 0	0 516	224	4	0	12.0	180	21	29	21	180	36	29	2100			
1972 OCTOBER SCILLY	29		3 6	22 495	149	51	24	12.8	190	37	29	12	160	65	29	1112			
1972 OCTOBER LIZARD	29		4 15	142 444	148	6	0	15.8	180	38	29	14	190	49	29	1548			
1972 NOVEMBER SHIN			0 3	14 160	284	262	0	7.2	250	29	10	14	260	51	10	1136			
1972 NOVEMBER LONDON WEATHER CENTRE			0 7	28 452	222	18	0	12.4	290	32	13	02	240	61	13	0000			
1972 NOVEMBER SCILLY	12 20		20 15	123 257	180	111	29	13.6	270	47	20	05	280	63	20	0430			
1972 NOVEMBER LIZARD	10 12 19-21		28 16	154 295	184	59	0	15.4	280	44	12	22	280	64	12	2218			
1972 DECEMBER SHIN			0 4	20 143	250	322	9	6.7	270	29	05	18	260	69	05	1806			
1972 DECEMBER SCILLY	4 5 28		26 17	174 327	103	114	0	15.6	270	38	04	17	280	61	04	1400			
1972 DECEMBER LIZARD	1 4-6 11 27 28		58 18	208 335	126	17	0	18.8	200	41	04	06	170	58	27	2030			
1974 JANUARY BELL ROCK																			
1974 JANUARY MODR HOUSE																			
1974 JANUARY SOUTHPORT																			
1974 FEBRUARY BELL ROCK																			
1974 FEBRUARY SOUTHPORT																			
1974 MARCH DOUNREAY																			
1974 MARCH BELL ROCK																			
1974 MARCH SOUTHPORT																			
1974 APRIL BELL ROCK																			
1974 APRIL SOUTHPORT																			
1974 MAY DOUNREAY																			
1974 MAY BELL ROCK																			
1974 MAY SOUTHPORT																			
1974 JUNE DOUNREAY																			
1974 JUNE BELL ROCK																			
1974 JUNE SOUTHPORT																			
1974 JULY DOUNREAY																			
1974 JULY BELL ROCK																			
1974 JULY EAST KILBRIDE																			
1974 AUGUST DOUNREAY																			
1974 AUGUST BELL ROCK																			
1974 AUGUST EAST KILBRIDE																			
1974 AUGUST COLERAINE UNIVERSITY																			
1974 SEPTEMBER DOUNREAY																			
1974 SEPTEMBER BELL ROCK																			
1974 SEPTEMBER EAST KILBRIDE																			
1974 SEPTEMBER ABINGDON																			
1974 OCTOBER DOUNREAY																			
1974 OCTOBER BELL ROCK																			
1974 OCTOBER EAST KILBRIDE																			
1974 OCTOBER ABINGDON																			
1974 NOVEMBER DOUNREAY																			
1974 NOVEMBER ABERDEEN DYCE AIRPORT																			
1974 NOVEMBER BELL ROCK																			
1974 NOVEMBER RANNOCH																			
1974 NOVEMBER EAST KILBRIDE																			
1974 NOVEMBER VALLEY																			
1974 DECEMBER BELL ROCK																			
1974 DECEMBER RANNOCH																			
1974 DECEMBER EAST KILBRIDE																			
1975 JANUARY BELL ROCK																			
1975 FEBRUARY BELL ROCK																			
1975 MARCH BELL ROCK																			
1975 APRIL DOUNREAY																			
1975 APRIL MIDDLE HALLOP																			
1975 MAY RANNOCH																			
1975 JUNE ROTHAMSTED																			
1975 JUNE MANSTON																			
1975 JUNE FLEETWOOD																			
1975 JULY FLEETWOOD																			
1975 AUGUST FLEETWOOD																			
1975 SEPTEMBER RANNOCH																			
1975 SEPTEMBER DUNSTAFFNAGE																			
1975 SEPTEMBER EAST KILBRIDE																			
1975 SEPTEMBER FLEETWOOD																			
1975 OCTOBER FLEETWOOD																			

